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U.S. Utility Patent Application

Appl. No. 10/776,146; Filed 2/10/2004

For: Optical Waveguide Grating Coupler With Varying Scatter Cross Sections

Inventor(s): Gunn III, et al. Docket No.: LUX-P020

Sir:

The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

- 1. Information Disclosure Statement;
- 2. Form PTO/SB/08A with \_7\_U.S Patent Document(s)
- 3. Form PTO/SB/08B with 0 reference(s); and
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Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known      |                    |  |  |  |
|------------------------|--------------------|--|--|--|
| Application Number     | 10/776,146         |  |  |  |
| Filing Date            | 2/10/2004          |  |  |  |
| First Named Inventor   | Gunn et al.        |  |  |  |
| Art Unit               | 2874               |  |  |  |
| Examiner Name          | (not yet assigned) |  |  |  |
| Attorney Docket Number | I I IX-P020        |  |  |  |

|                       |              |   | U. S. PATENT                   | DOCUMENTS  |   |
|-----------------------|--------------|---|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No.1 | Document Number                         | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       | <u> </u>     | Number-Kind Code <sup>2 (d known)</sup> |                                |  | , igaios, ippou   |
|                       | 1            | <sup>US-</sup> 6,285,813                | 09-04-2001                     | Schultz et al.                                     |   |
|                       | 2            | <sup>US-</sup> 5,101,459                | 03-31-1992                     | Sunagawa   |   |
|                       | 3            | <sup>US-</sup> 5,033,812                | 07-23-1991                     | Yoshida et al.                                     |   |
|                       | 4            | <sup>US-</sup> 5,436,991                | 07-25-1995                     | Sunagawa et al.                                    |   |
|                       | 5            | <sup>US-</sup> 5,200,939                | 04-06-1993                     | Nishiwaki et al.                                   |   |
|                       | 6            | <sup>US-</sup> 5,132,843                | 07-21-1992                     | Aoyama et al.                                      |   |
|                       | 7            | US- 5,742,433                           | 04-21-1998                     | Shiono et al.                                      |   |
|                       |              | US-                                     |                                |  |   |
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| FOREIGN PATENT DOCUMENTS |              |   |                  |  |   |   |  |
|--------------------------|--------------|---|------------------|--|---|---|--|
| Examiner Initials*       | Cite<br>No.1 | Foreign Patent Document   | Publication Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |   |  |
|                          |              | Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known) | MM-DD-YYYY       |  | Or Relevant Figures Appear                        |   |  |
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|------------------------------------|---|-------------------|--------------------|----------------------------------|------------|--|
| Cubsini                            | 101011011111111111111111111111111111111 |                   |                    | Application Number               | 10/776,146 |  |
| INF                                | ORMATION                                | DIS               | CLOSURE            | Filing Date                      | 2/10/2004  |  |
| STA                                | TEMENT B                                | BY A              | PPLICANT           | First Named Inventor Gunn et al. |            |  |
|                                    | (Use as many she                        | ote se r          | ocessani           | Art Unit                         | 2874       |  |
| (630 as many shoots as notocoally) |   | Examiner Name     | (not yet assigned) |                                  |            |  |
| Sheet                              | 2                                       | of                | 2                  | Attorney Docket Number           | LUX-P020   |  |

|                       |                          | NON PATENT LITERATURE DOCUMENTS   |                |
|-----------------------|--------------------------|---|----------------|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
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|           | <br>       |  |
|-----------|------------|--|
| Examiner  | Date       |  |
| Signature | Considered |  |

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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